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Claims

1. (Currently Amended) A sealing foil with a substrate (2), a primer layer (3) and at least one extruded functional layer (6) ~~characterised in that~~
wherein
between the primer layer (3) and the extruded functional layer (6) an extruded barrier layer (4) is provided which prevents at least the migration of components of the primer layer (3) and/or of the functional layer (6).
2. (Currently Amended) The sealing foil according to claim 1, ~~characterised in that~~
wherein
the barrier layer (4) has good properties of adhering to the primer layer (3).
3. (Currently Amended) The sealing foil according to claim 1, ~~characterised in that~~
wherein
a bonding agent layer is provided between the primer layer (3) and the barrier layer (4).
4. (Currently Amended) The sealing foil according to ~~any one of claims~~ claim 1 to 3, ~~characterised in that~~
wherein
between the barrier layer (4) and the functional layer (6) a compatibility agent layer (5) is provided.
5. (Currently Amended) The sealing foil according to ~~any one of claims~~ claim 1 to 4, ~~characterised in that~~
wherein
the barrier layer (4) and/or the bonding agent layer and/or the compatibility agent layer (5) are coextruded with the functional layer (6).

6. (Currently Amended) The sealing foil according to ~~any one of claims~~ claim 1
~~to 5, characterised in that~~
wherein
the barrier layer (4) comprises, at least in part, polyethylene of increased density,
polyester, polyamide or a filled polymer.